



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ana M. TESSADRO

Application No.: 09/987,986

Filed: November 16, 2001

Docket No.: 109943

For: SYSTEMS AND METHODS FOR BOUNDARY DETECTION IN IMAGES

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

RECEIVED

APR 05 2002

Technology Center 2600

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

Respectfully submitted,

Stephen J. Roe
Registration No. 34,463

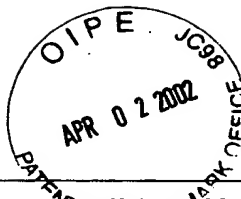
Richard S. Elias
Registration No. 48,806

SJR:RSE/ala

Date: April 2, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Sheet 1 of 1

Form PTO-1449 (REV. 8-83) U.S. Department of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY DOCKET NO. 109943	APPLICATION NO. 09/987,986
	APPLICANT Ana M. TESSADRO	
	FILING DATE November 16, 2001	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1.	5,212,740	05/1993	PAEK et al.		
	2.	5,561,724	10/1996	KIDO et al.		
	3.	5,563,962	10/1996	PETERS et al.		
	4.	5,671,294	09/1997	ROGERS et al.		
	5.	5,881,171	03/1999	KINJO		
	6.	6,111,983	08/2000	FENSTER et al.		
	7.	6,141,033	10/2000	MICHAEL et al.		
	8.	6,178,260	01/2001	LI et al.		
	9.	6,192,150	02/2001	LEOW et al.		

RECEIVED
APR 05 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	1.	S. Akoy, R. Haralick, "Feature Normalization and Likelihood-based Similarity Measures for Image Retrieval", 2000.
	2.	J. Bexdek et al., "FCM: The Fuzzy c-Means Clustering Algorithm", Computers and Geosciences, Vol. 10, NRO 2-3, pp 191-203
	3.	F. Farrokhnia, A. Jain, "A multi-Channel Filtering Approach to Texture Segmentation", 1991 IEEE Computer Society Conference on Comp. Vision and Pattern Recognition, Hawaii, June 3-6, 1991
	4.	K. Fukunaga, "Introduction to Statistical Pattern Recognition", Academic Press, 1990
	5.	A.K. Jain and F. Farrokhnia, "Unsupervised Texture Segmentation Using Gabor Filters:", Pattern Recognition, Vol. 24, NRO 12, pp 1167-1186, 1991
	6.	Kenneth I. Laws, "Rapid Texture Identification", Image Processing for Missile Guidance, Vol 238, pp 376-380, 1980
	7.	Trygve Randen and John H. Husoy, "Filtering for Texture Classification: A Comparative Study", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 21, NO. 4, April 1999

EXAMINER	DATE CONSIDERED
----------	-----------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 2, 2002